

Title (en)

Brush holder apparatus, brush assembly and method

Title (de)

Kohlebürstenhalter, der ausgetauscht werden kann ohne die Maschine zu stoppen

Title (fr)

Support de balais adapté pour être retiré sans arrêter la machine

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Application

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Abstract (en)

The present invention relates to devices and methods of use for brush holders. A brush holder including an over-center locking device is disclosed. Also illustrated are methods and devices for maintaining brush pressure against a moving conductive surface using a spring without a back plate. Methods and devices for routing current from a brush to an output location without conducting through a brush box are shown. A system for ready removal and replacement of brushes, contacts and springs is disclosed. Also included are mechanisms and methods for preventing a brush from falling downward or out during removal of the brush. Methods and devices for cutting off current flow without creating arcing or shorting between a brush and collector ring or other moving conductive surface are presented as well.

IPC 8 full level

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